

UTTLE SERVICE  
(08/00)Please type a plus sign (+) inside this box → Approved for use through 10/31/2002. OMB 0651-0032  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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15992 U.S. PTO

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

|                        |  |
|------------------------|--|
| Attorney Docket No.    | 25313-1010   |
| First Inventor         | Liu  |
| Title                  | Dual-Sided Flat Panel Display Structure and Operating Method Thereof |
| Express Mail Label No. | EV438686920US  |

**APPLICATION ELEMENTS**  
 See MPEP Chapter 600 concerning utility patent application contents
**ADDRESS TO:**
 Mail Stop Patent Application  
 P.O. Box 1450  
 Commissioner for Patents  
 Alexandria, VA 22313-1450

 APPLICANT REQUESTS EARLY PUBLICATION UNDER 37 CFR 1.219 (additional fee)

|   |                             |  |
|---|-----------------------------|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><i>(Submit an original, and a duplicate for fee processing)</i>  | [Total Pages<br><b>18</b> ] | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)  |
| 2. <input checked="" type="checkbox"/> Applicant claims small entity status.  |                             | 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission<br><i>(if applicable, all necessary)</i>  |
| 3. <input checked="" type="checkbox"/> Specification<br><i>(preferred arrangement set forth below)</i>  |                             | a. <input type="checkbox"/> Computer Readable Copy (CRF)   |
| <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed. Sponsored R&amp;D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> |                             | b. <input type="checkbox"/> Specification Sequence Listing on: <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper</li> </ul> |
|   |                             | c. <input type="checkbox"/> Statements verifying identity of above copies  |
| <b>ACCOMPANYING APPLICATION PARTS</b>   |                             |  |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113)  | [Total Sheets<br><b>9</b> ] | 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & Documents(s))  |
| 5. Oath or Declaration  | [Total Pages<br><b>2</b> ]  | 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement<br><i>(when there is an assignee)</i> <input type="checkbox"/> Power of Attorney   |
| a. <input checked="" type="checkbox"/> Newly Executed (original or copy)  |                             | 11. <input type="checkbox"/> English Translation Document (if applicable)  |
| b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d))<br><i>(for continuation/divisional with Box 18 completed)</i>   |                             | 12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations  |
| i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br><i>Signed statement attached deleting inventor(s), named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</i>   |                             | 13. <input type="checkbox"/> Preliminary Amendment   |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76   |                             | 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><i>(Should be specifically itemized)</i>   |
| 15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)<br><i>(if foreign priority is claimed)</i>   |                             |  |
| 16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.   |                             |  |
| 17. <input type="checkbox"/> Other: _____   |                             |  |

**18. If a CONTINUATING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:**

Continuation       Divisional       Continuation-in-part (CIP)      of prior application No: /

**Group / Art Unit:**
**Prior application information:** Examiner \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: the entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. This incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS



Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)



Correspondence address below

|          |   |           |              |
|----------|---|-----------|--------------|
| NAME     | Daniel R. McClure<br>Thomas, Kayden, Horstemeyer & Risley, L.L.P. |           |              |
| ADDRESS  | 100 Galleria Parkway<br>Suite 1750                                |           |              |
| CITY     | Atlanta   | STATE     | Georgia      |
| COUNTRY  | U.S.A.  | TELEPHONE | 770-933-9500 |
| ZIP CODE | 30339-5948  |           |              |
| FAX      | 770-951-0933  |           |              |

|                   |                   |                                   |         |
|-------------------|-------------------|-----------------------------------|---------|
| Name (Print/Type) | Daniel R. McClure | Registration No. (Attorney/Agent) | 38,962  |
| Signature         |                   |                                   | Date    |
|                   |                   |                                   | 3-25-04 |

**Burden Hour Statement:** This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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032404

**FEE TRANSMITTAL  
for FY 2004**

Effective 10/01/2003. Patent fees are subject to annual revisions.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 587.00)

**Complete If Known**

|                      |                       |
|----------------------|-----------------------|
| Application Number   | <b>Unassigned</b>     |
| Filing Date          | <b>March 25, 2004</b> |
| First Named Inventor | <b>Liu</b>            |
| Examiner Name        | <b>Unassigned</b>     |
| Group / Art Unit     | <b>Unassigned</b>     |
| Attorney Docket No.  | <b>251313-1010</b>    |

**METHOD OF PAYMENT (check all that apply)**

Check  Credit Card  Money Order  Other  None

 Deposit Account

Deposit Account Number

20-0778

Deposit Account Name

Thomas, Kayden, Horstemeyer Risley, L.L.P.

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

**FEES CALCULATION****1. BASIC FILING FEE**

| Large Entity<br>Fee<br>Code<br>(\$) | Small Entity<br>Fee<br>Code<br>(\$) | Fee Description        | Fee Paid       |
|-------------------------------------|-------------------------------------|------------------------|----------------|
| 1001 770                            | 2001 385                            | Utility Filing Fee     | 385            |
| 1002 340                            | 2002 170                            | Design Filing Fee      |                |
| 1003 530                            | 2003 265                            | Plant Filing Fee       |                |
| 1004 770                            | 2004 385                            | Reissue Filing Fee     |                |
| 1005 160                            | 2005 80                             | Provisional Filing Fee |                |
| <b>SUBTOTAL (1)</b>                 |                                     |                        | <b>(\$385)</b> |

**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

| Extra<br>Claims                | Fee<br>From<br>Below | Fee<br>Paid |
|--------------------------------|----------------------|-------------|
| Total Claims 38 - 20** = 18    | X 9.00 = 162         |             |
| Independent Claims 2 - 3** = 0 | X 43.00 = 0          |             |
| Multiple Dependent 0           | 145.00 = 0           |             |

| Large Entity<br>Fee<br>Code<br>(\$) | Small Entity<br>Fee<br>Code<br>(\$) | Fee Description   |
|-------------------------------------|-------------------------------------|---|
| 1202 18                             | 2202 9                              | Claims in excess of 20                                    |
| 1201 86                             | 2201 43                             | Independent claims in excess of 3                         |
| 1203 290                            | 2203 145                            | Multiple dependent claim, if not paid                     |
| 1204 86                             | 2204 43                             | **Reissue independent claims over original patent         |
| 1205 18                             | 2205 9                              | **Reissue claims in excess of 20 and over original patent |
| <b>SUBTOTAL (2)</b>                 |                                     | <b>(\$162)</b>  |

**FEES CALCULATION (continued)****3. ADDITIONAL FEES**

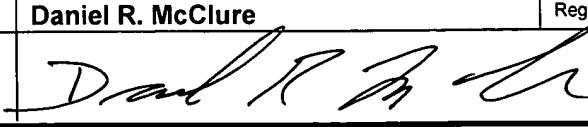
| Large Entity<br>Fee<br>Code<br>(\$) | Small Entity<br>Fee<br>Code<br>(\$) | Fee Description  | Fee Paid       |
|-------------------------------------|-------------------------------------|--|----------------|
| 1051 130                            | 2051 65                             | Surcharge-late filing fee or oath  |                |
| 1052 50                             | 2052 25                             | Surcharge-late provisional filing fee or cover sheet                       |                |
| 1053 130                            | 1053 130                            | Non-English specification  |                |
| 1812 2,520                          | 1812 2,520                          | For filing a request for ex parte reexamination                            |                |
| 1804 920*                           | 1804 920*                           | Requesting publication of SIR prior to Examiner action                     |                |
| 1805 1,840*                         | 1805 1,840*                         | Requesting publication of SIR after Examiner action                        |                |
| 1251 110                            | 2251 55                             | Extension for reply within first month                                     |                |
| 1252 420                            | 2252 210                            | Extension for reply within second month                                    |                |
| 1253 950                            | 2253 475                            | Extension for reply within third month                                     |                |
| 1254 1,480                          | 2254 740                            | Extension for reply within fourth month                                    |                |
| 1255 2,010                          | 2255 1,005                          | Extension for reply within fifth month                                     |                |
| 1401 330                            | 2401 165                            | Notice of Appeal   |                |
| 1402 330                            | 2402 165                            | Filing a brief in support of an appeal                                     |                |
| 1403 290                            | 2403 145                            | Request for oral hearing   |                |
| 1451 1,510                          | 1451 1,510                          | Petition to institute a public use proceeding                              |                |
| 1452 110                            | 2452 55                             | Petition to revive-unavoidable   |                |
| 1453 1,330                          | 2453 655                            | Petition to revive-unintentional   |                |
| 1501 1,330                          | 2501 665                            | Utility issue fee (or reissue)   |                |
| 1502 480                            | 2502 240                            | Design issue fee   |                |
| 1503 640                            | 2503 320                            | Plant issue fee  |                |
| 1460 130                            | 1460 130                            | Petitions to the Commissioner  |                |
| 1807 50                             | 1807 50                             | Processing fee for provisional application                                 |                |
| 1806 180                            | 1806 180                            | Submission of Information Disclosure Stmt                                  |                |
| 8021 40                             | 8021 40                             | Recording each patent assignment per property (times number of properties) | 40             |
| 1809 770                            | 2809 385                            | Filing a submission after final rejection (37 CFR § 1.129(a))              |                |
| 1810 770                            | 2810 385                            | For each add. invention to be examined (37 CFR 1.129(b))                   |                |
| 1801 770                            | 2801 385                            | Request for Continued Examination (RCE)                                    |                |
| 1802 900                            | 1802 900                            | Request for expedited exam. of a design application                        |                |
| Other fee (specify)                 |                                     |  |                |
| <b>SUBTOTAL (3)</b>                 |                                     |  | <b>(\$ 40)</b> |

\*\*or number previously paid, if greater; For Reissues, see above

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY**

Complete (if applicable)

|                                    |  |                         |                  |              |
|------------------------------------|--|-------------------------|------------------|--------------|
| Typed or Printed Name<br>Signature | Daniel R. McClure<br> | Registration No. 38,962 | Telephone Number | 770-933-9500 |
|                                    |  |                         | Date             | 3-25-04      |

WARNING: Information on this form may become public. Credit Card Information should not

Be included on this form. Provide credit card information and authorization on PTO-2038

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 USC 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: **Liu**

For: **DUAL-SIDED FLAT PANEL DISPLAY STRUCTURE AND OPERATING METHOD THEREOF**

**CERTIFICATE OF EXPRESS MAIL**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed for filing in the above case are the following documents:

Return Postcard  
Utility Patent Application Transmittal Page  
Fee Transmittal Page  
Utility Patent Application Consisting Of:  
    12 Pages of Specification  
    5 Pages of Claims (Claims 1-38)  
    1 Page of Abstract  
    9 Pages of Formal Drawings (Figs. 1-7B)  
Credit Card Authorization Form (Amount: \$587.00)  
Declaration (executed)  
Assignment/Recordation Form Cover Sheet  
Claim of Priority to and Submission of...  
Certified Copy of Priority Document

Further, the Commissioner is authorized to charge Deposit Account No. 20-0778 for any additional fees required. The Commissioner is requested to credit any excess fee paid to Deposit Account No. 20-0778.

Respectfully submitted,

**Daniel R. McClure; Reg. No. 38,962**

  
**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**  
100 Galleria Parkway, N.W.  
Suite 1750  
Atlanta, Georgia 30339-5948

Our Docket No: **251313-1010**

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I hereby certify that all correspondence listed above are being deposited for delivery to the above addressee, with the United States Postal Service "**EXPRESS MAIL POST OFFICE TO ADDRESSEE**" service under 37 CFR §1.10 on the date indicated below:

The envelope has been given U.S. Postal Service "Express Mail Post Office To Addressee" Package # **EV438686920US**.

Date: March 25, 2004

  
**Hui Chin Barnhill**

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Liu

Group Art Unit: Unassigned

Serial No.: Unassigned

Examiner: Unassigned

Filed: March 25, 2004

Docket No. 251313-1010

For: **Dual-Sided Flat Panel Display Structure and Operating Method Thereof**

**CLAIM OF PRIORITY TO AND**  
**SUBMISSION OF CERTIFIED COPY OF REPUBLIC OF CHINA APPLICATION**  
**PURSUANT TO 35 U.S.C. §119**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

In regard to the above-identified pending patent application and in accordance with 35 U.S.C. §119, Applicant hereby claims priority to and the benefit of the filing date of Republic of China patent application entitled, "Dual-Sided Flat Panel Display Structure and Operating Method Thereof", filed September 2, 2003, and assigned serial number 92124258.

Further pursuant to 35 U.S.C. §119, enclosed is a certified copy of the Republic of China patent application

Respectfully Submitted,

**THOMAS, KAYDEN, HORSTEMEYER  
& RISLEY, L.L.P.**

By:

  
Daniel R. McClure, Reg. No. 38,962

100 Galleria Parkway, Suite 1750  
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770-933-9500